

CLAIM LISTING

1-25. (Canceled)

26. (Previously Presented) An apparatus for interfacing with a connector, comprising:
an RJ-11 port to receive an RJ-11 connector from end user equipment or a telephone network;

a detection circuit to automatically detect whether the RJ-11 port receives an RJ-11 connector from end user equipment or from a telephone network; and

a control circuit to automatically configure the RJ-11 port to interface to the end user equipment or the telephone network, based on the detection of the detection circuit.

27. (Previously Presented) An apparatus according to claim 26, wherein the RJ-11 port comprises an RJ-11 port on a computer modem board, wherein the detection circuit detects that the RJ-11 connector is received from end user equipment, and wherein the control circuit configures the RJ-11 port as a subscriber line interface circuit (SLIC) port to interface to the end user equipment.

28. (Previously Presented) An apparatus according to claim 27, wherein the detection circuit detects that the RJ-11 connector is received from a telephone, and the control circuit configures the RJ-11 port as a SLIC port to interface to the telephone.

29. (Previously Presented) An apparatus according to claim 26, wherein the RJ-11 port comprises an RJ-11 port on a computer modem board, wherein the detection circuit detects that the RJ-11 connector is received from a telephone network, and wherein the control circuit configures the RJ-11 port as a DAA port to interface to the telephone network.

30. (Previously Presented) An apparatus according to claim 29, wherein the detection circuit detects that the RJ-11 connector is received from a private branch exchange (PBX), and the control circuit configures the RJ-11 port as a DAA port to interface to the PBX.

31. (Previously Presented) An apparatus according to claim 29, wherein the detection circuit detects that the RJ-11 connector is received from a public switched telephone network (PSTN), and the control circuit configures the RJ-11 port as a DAA port to interface to the PSTN.

32. (Previously Presented) An apparatus according to claim 26, wherein the RJ-11 port comprises an RJ-11 port on a fax machine, wherein the detection circuit detects that the RJ-11 connector is received from end user equipment, and wherein the control circuit configures the RJ-11 port as a SLIC port to interface to the end user equipment.

33. (Previously Presented) An apparatus according to claim 26, wherein the RJ-11 port comprises an RJ-11 port on a fax machine, wherein the detection circuit detects that the RJ-11 connector is received from a telephone network, and wherein the control circuit configures the RJ-11 port as a DAA port to interface to the telephone network.

34. (Previously Presented) An apparatus according to claim 26, wherein the detection circuit further comprises a loop voltage detector and an interval timer to isolate a loop voltage supplied by the loop voltage detector, wherein the control circuit configures the RJ-11 port as a SLIC port by default, and as a DAA port if an external loop voltage is detected.

35. (Previously Presented) A method for interfacing to a connector, comprising:

detecting whether an RJ-11 port engages with an RJ-11 connector from end user equipment or from a telephone network; and

automatically configuring the RJ-11 port to interface to the end user equipment or the telephone network, based on the determination.

36. (Previously Presented) A method according to claim 35, wherein detecting whether the RJ-11 connector engaged with the RJ-11 port is a connector from end user equipment or a telephone network comprises detecting that an RJ-11 port on a computer modem board is connected to end user equipment, and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a subscriber line interface circuit (SLIC) port to interface to the end user equipment.

37. (Previously Presented) A method according to claim 36, wherein detecting that the RJ-11 port engages with the RJ-11 connector from end user equipment comprises detecting that the RJ-11 connector is connected to a telephone, and wherein configuring RJ-11 port comprises configuring the RJ-11 port as a SLIC port to interface to the telephone.

38. (Previously Presented) A method according to claim 35, wherein detecting whether the RJ-11 connector engaged with the RJ-11 port is a connector from end user equipment or a telephone network comprises detecting that an RJ-11 port on a computer modem board is connected to a telephone network, and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a DAA port to interface to the telephone network.

39. (Previously Presented) A method according to claim 38, wherein detecting that the RJ-11 connector engaged with the RJ-11 port is a connector from a telephone network comprises detecting that the RJ-11 connector is a connector from a private branch exchange (PBX), and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a DAA port to interface to the PBX.

40. (Previously Presented) A method according to claim 38, wherein detecting that the RJ-11 connector engaged with the RJ-11 port is a connector from a telephone network comprises detecting that the RJ-11 connector is a connector from a public switched telephone network

(PSTN), and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a DAA port to interface to the PSTN.

41. (Previously Presented) A method according to claim 35, wherein detecting whether the RJ-11 connector engaged with the RJ-11 port is a connector from end user equipment or a telephone network comprises detecting that an RJ-11 port on a fax machine is connected to end user equipment, and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a subscriber line interface circuit (SLIC) port to interface to the end user equipment.

42. (Previously Presented) A method according to claim 35, wherein detecting whether the RJ-11 connector engaged with the RJ-11 port is a connector from end user equipment or a telephone network comprises detecting that an RJ-11 port on a fax machine is connected to a telephone network, and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a DAA port to interface to the telephone network.

43. (Previously Presented) A method according to claim 35, wherein detecting whether the RJ-11 connector engaged with the RJ-11 port is a connector from end user equipment or a telephone network further comprises detecting a loop voltage and isolating the loop voltage, wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a SLIC port by default, and as a DAA port if an external loop voltage is detected.